

Slide 5

Grammar

$$E \rightarrow T + E \mid T$$

$$T \rightarrow \text{int} * T \mid \text{int} \mid (E)$$

Slide 41

Configuration

Current state

Action

| int * int \$

1

Shift

int | * int \$

3

* \notin Follow(T)

Shift

int * | int \$

11

Shift

int * int | \$

3

\$ \in Follow(T)

Reduce

using $T \rightarrow \text{int}$

int * T | \$

4

Reduce

using $T \rightarrow \text{int} * T$

T | \$

5

\$ \in Follow(E)

Reduce

using $E \rightarrow T$

E | \$

Start | \$

Accepted

في كل مرة يتم القراءة من البداية Start state

Ex:

Check IF this grammar SLR

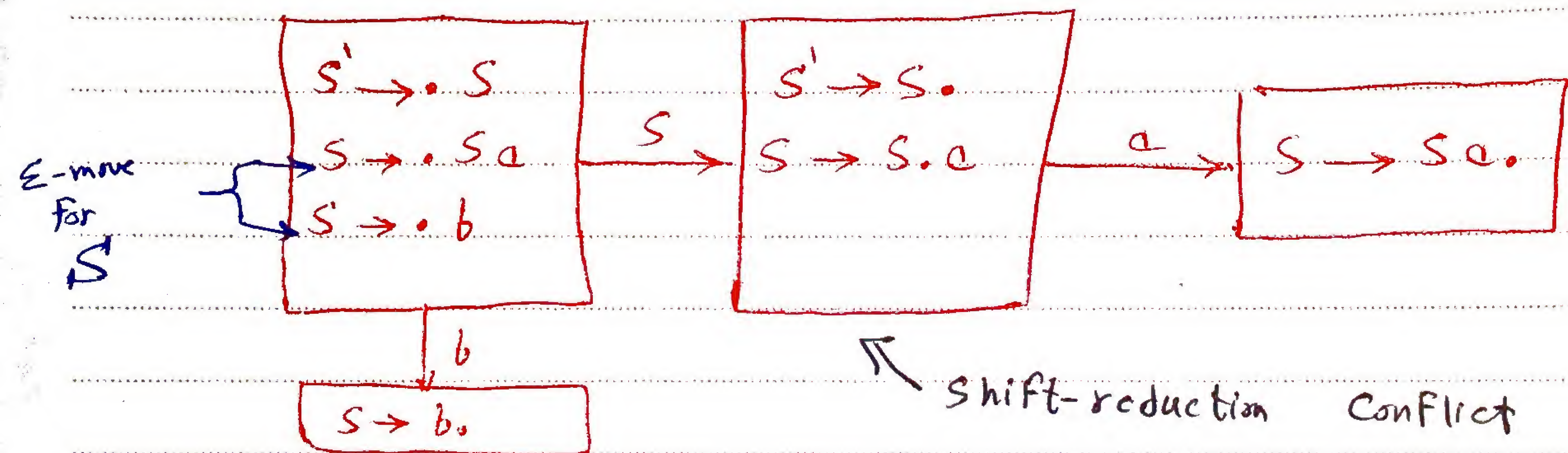
$$S' \rightarrow S$$

$$S \rightarrow Sa$$

$$S \rightarrow b$$

SLR IF there are solved
Conflict

else LR(0)



Report

$$S' \rightarrow S$$

$$S \rightarrow SaS$$

$$S \rightarrow b$$